In re of: MIYANO1

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- (original) A crystal of lipocalin-type prostaglandin D synthase derived from mouse.
- 2. (original) A crystal as claimed in Claim 1 which has orthorhombic system space group $P2_12_12_1$ and in which the size of unit cell is $a=46.2\pm0.5\,\text{Å}$, $b=66.8\pm0.7\,\text{Å}$, and $c=105.3\pm1.0\,\text{Å}$.
- 3. (original) A crystal as claimed in Claim 1 which has orthorhombic system space group C222₁ and in which the size of unit cell is $a=45.7\pm0.5\,\text{Å}$, $b=66.8\pm0.7\,\text{Å}$, and $c=104.5\pm1.0\,\text{Å}$.
- 4. (original) Lipocalin-type prostaglandin D synthase having a three dimensional structure represented by the structural coordinates in Table 2.

2

In re of: MIYANO1

- 5. (original) Lipocalin-type prostaglandin D synthase having a three dimensional structure represented by the structural coordinates in Table 3.
- 6. (original) Use of the structural coordinates in Table 2 or 3 for the selection of a compound which inhibits lipocalin-type prostaglandin D synthase.
- 7. (original) A method for selecting an inhibitor of lipocalin-type prostaglandin D synthase, which comprising
- (a) providing the three dimensional structure coordinates in Table 2 or 3 representing three dimensional structure of lipocalin-type prostaglandin D synthase;
- (b) providing three dimensional structures of candidate compounds; and
- (c) selecting the candidate compound which fits to the substrate-binding site of lipocalin-type prostaglandin D synthase as inhibitor.
- 8. (original) A method as claimed in Claim 7, further comprising
- (d) contacting the inhibitor as selected above with lipocalintype prostaglandin D synthase in the presence of prostaglandin

In re of: MIYANO1

 \mbox{H}_2 to measure L-PGDS enzyme activity to confirm the inhibiting effect of the inhibitor selected.

- 9. (currently amended) An inhibitor for lipocalintype prostaglandin D synthase selected by the method of Claim 7 or 8.
- 10. (original) An inhibitor for lipocalin-type prostaglandin D synthase which is 4-dibenzo(a,d)cyclohepten-5-ylidene-1-(4-(2H-tetrazole-5-yl)butyl)piperidine.
- 11. (new) An inhibitor for lipocalin-type prostaglandin D synthase selected by the method of Claim 8.